

Emmit Parubrub

(808) 381-3817 eparubrub@dons.usfca.edu
[linkedin.com/in/Emmit-Parubrub](https://www.linkedin.com/in/Emmit-Parubrub)
<https://github.com/eparubrub>
San Francisco CA

Summary

Born on the island of Oahu, I grew up in the midst of mountains, beaches, and dense forests, but not a lot of screens. Technology, companies, the immediacies of urban life, were a distant reality to me. I was introduced to technology through school and became instantly fascinated. This glimpse into another world developed into a determination to excel in computer science. Now, as I enter my senior year and look towards the future, I want to work towards instilling wonder in rural, marginalized and underrepresented communities. Technology offers us a view into other realities, whatever we cannot see in front of us, in a way that never ceases to amaze me.

Education

University of San Francisco (USF), San Francisco, CA

Expected Graduation: May 2019

- B.S. Computer Science
- GPA: 3.71

Projects

- Developing a web based adaptation of popular board game “Gaia Project” with React (JS library)
- Designed Python applications to encrypt and decrypt text files
- Created a Python program to ensure rapid retail checkouts on websites.
- Continuously updating personal webpage using bootstrap (eparubrub.github.io)
- Constructed an ARM Single-Cycle Emulator in Assembly and Logisim
- Programmed an mp3 player using JavaZOOM and jAudiotagger libraries
- Wrote several sorting methods to test efficiency on small and large scale data
 - Methods include: comb, merge, hybrid, bucket, radix, heap, randomized quick, and more

Skills

- Proficient with Java, Python, C, ARM Assembly, Github, HTML, CSS
- Experienced with React, TypeScript, JavaScript, npm, Emacs, Eclipse, Sublime, MySQL
- Coursework: Cryptography, Computer Architecture, Parallel Computing, Data Structures & Algorithms

Experience

University of San Francisco, San Francisco, CA

August 2018 - Present

Computer Science Supertutor

- Assist computer science students with coding in C, Java, and Python.
- Tutor students attending Data Structures and Algorithms, Parallel Computing, Software Development, and other courses.

Department of Defense, Honolulu, HI

June 2018 - August 2018 & Present

Summer and Winter IT Intern

- Serve as a System Administrator modifying user accounts and profiles for state employees and requests.
- Troubleshoot workstation hardware, software, and networks.
- Configure and install new user workstations using PDQ inventory and PDQ deploy.

Affiliations

Association of Computer Machinery, San Francisco, CA

October 2016 – Present

Officer

- Coordinate and organize University of San Francisco’s Annual Empowerment Hackathons.
- Market numerous association gatherings including annual picnics and celebrations.